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TO: Commissioner for  
Patents  
Attn: Examiner A. Harrington  
Patent Examining Corps  
Facsimile Center  
Washington, D.C. 20231

FROM: Curtis B. Hamre

OUR REF: 12109.13US01  
TELEPHONE: 612.336.4722

Total pages, including cover letter: 14PTO FAX NUMBER 1-703.872.9318

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Title of Document Transmitted:

AMENDMENT AND RESPONSE

Applicant: DONG ET AL.  
Serial No.: 09/472,585  
Filed: DECEMBER 27, 1999  
Group Art Unit: 2873  
Our Ref. No.: 12109.13US01

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By: Curtis B. Hamre  
Name: Curtis B. Hamre  
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Lisa Dorn

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Signature

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S/N 09/472,585

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DONG ET AL.	Examiner:	ALICIA M. HARRINGTON
Serial No.:	09/472,585	Group Art Unit:	2873
Filed:	12/27/99	Docket No.:	12109.13US01
Title:	SPECTROSCOPIC METHOD FOR ANALYSING ISOTOPES BY USING A SEMICONDUCTOR LASER		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on May 23, 2002.

By:   
Name: Lisa Dorn

AMENDMENT AND RESPONSE

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Commissioner for Patents  
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Dear Sir:

This communication is in response to the Office Action issued September 13, 2001.

AMENDMENTSIn the Drawings

Please correct FIGs 1 and 2 as shown in the enclosed drawings.

In the Specification

Please amend the paragraph beginning at page 3 line 27 to page 4 line 12 as follows.

Furthermore, the fifth aspect according to the present invention provides the spectroscopic method for analyzing isotopes according to the third or the fourth aspect, wherein said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of the following wavelengths.